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(71) Applicant and

(72) Inventor: WILLIAMS, Timothy [NZ/NZ]; 3 Cliff Street,
Wanaka (NZ).

(74) Agent: FOSTER, John; Shelston IP, 60 Margaret Street,
Sydney, NSW 2000 (AU).

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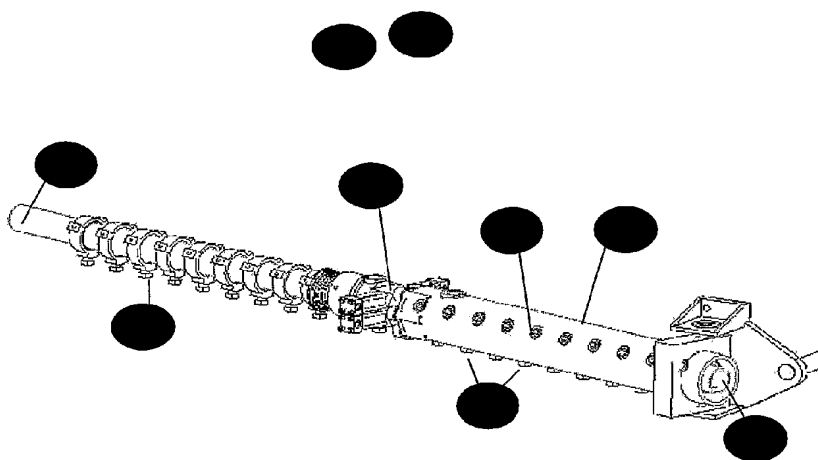
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(54) Title: IMPROVEMENTS IN OR RELATING TO SPRAYING APPARATUS



(57) **Abstract:** A spray bar typically utilised for the application of fluids such as hot bitumen onto an adjacent surface has an inner tube (2) which is rotatable relative to an outer tube (17) by way of an actuator (24). The outer tube (17) has various spray nozzles (21) which are designed to deliver fluid fed to the spray bar through a fluid supply passage (3), onto the adjacent surface. The rate of flow to each nozzle is controlled by a series of corresponding apertures in the inner tube (2) and the outer tube (17) which are moved into or out of alignment by rotation of the inner tube relative to the outer tube via the actuator (24). By providing different patterns of apertures corresponding to different nozzles (21) it is possible to achieve altering spray patterns by rotation of the inner tube relative to the outer tube into predetermined orientations. The spray bar according to the invention also has the advantage over the prior art of simplified actuation controls and more robust and reliable construction.



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